

HÀ S O L A R F L A R E S
FEBRUARY 2008

Grp #	Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/USAF		Dur (Min)	Imp Opt	Xray	Obs See	Type	Area Measurement		Remarks
								Region	Mo Day						Time (UT)	Apparent (10-6 Disk)	
	19		2326		2400	No	Flare	Patrol									
	20		0000		0653	No	Flare	Patrol									
	20		1700		1740	No	Flare	Patrol									
	20		2146		2218	No	Flare	Patrol									
	20		2232		2258	No	Flare	Patrol									
	20		2320		2400	No	Flare	Patrol									
	21		0000		0220	No	Flare	Patrol									
	21		0239		0328	No	Flare	Patrol									
	21		0412		0420	No	Flare	Patrol									
	21		0723		0736	No	Flare	Patrol									
	21		1406		1409	No	Flare	Patrol									
	21		1411		1419	No	Flare	Patrol									
	21		1441		1442	No	Flare	Patrol									
	21		1447		1805	No	Flare	Patrol									
	21		2010		2011	No	Flare	Patrol									
	22		0008		0147	No	Flare	Patrol									
	22		0519		0604	No	Flare	Patrol									
	22		0742		0825	No	Flare	Patrol									
	22		0846		0914	No	Flare	Patrol									
	22		0934		0958	No	Flare	Patrol									
	22		1008		1009	No	Flare	Patrol									
	22		1843		1922	No	Flare	Patrol									
	22		2009		2017	No	Flare	Patrol									
	22		2143		2149	No	Flare	Patrol									
	22		2200		2218	No	Flare	Patrol									
	22		2228		2250	No	Flare	Patrol									
	22		2340		2350	No	Flare	Patrol									
	23		0009		0019	No	Flare	Patrol									
	23		0049		0230	No	Flare	Patrol									
	23		0528		0637	No	Flare	Patrol									
	23		0651		0717	No	Flare	Patrol									
	24		0021		0051	No	Flare	Patrol									
	24		0058		0221	No	Flare	Patrol									
	24		0228		0324	No	Flare	Patrol									
	24		0329		0337	No	Flare	Patrol									
	24		0513		0643	No	Flare	Patrol									
	24		1818		1840	No	Flare	Patrol									
	24		1909		2041	No	Flare	Patrol									
	24		2118		2147	No	Flare	Patrol									
	25		0050		0206	No	Flare	Patrol									
	25		0303		0358	No	Flare	Patrol									
	25		1731		1810	No	Flare	Patrol									
	26		1530		1754	No	Flare	Patrol									
	27		1248		1250	No	Flare	Patrol									
	27		1258		1333	No	Flare	Patrol									
	28		0314		0325	No	Flare	Patrol									
	28		1601		1700	No	Flare	Patrol									

"Remarks"

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| A = Eruptive prominence whose base is less than 90 degrees from central meridian. | O = Observations have been made in the H and K lines of Ca II. |
| B = Probably the end of a more important flare. | P = Flare shows Helium D3 in emission. |
| C = Invisible 10 minutes before. | Q = Flare shows Balmer continuum in emission. |
| D = Brilliant point. | R = Marked asymmetry in H-alpha line suggests ejection of high-velocity material. |
| E = Two or more brilliant points. | S = Brightness follows disappearance of filament in same position. |
| F = Several eruptive centers. | T = Region active all day. |
| G = No visible spots in the neighborhood. | U = Two bright branches, parallel or converging. |
| H = Flare accompanied by high-speed dark filament. | V = Occurrence of an explosive phase; important, expansion within roughly 1 minute that often includes a significant intensity increase. |
| I = Active region very extended. | W = Great increase in area after time of maximum intensity. |
| J = Distinct variations of plage intensity before or after the flare. | X = Unusually wide H-alpha line. |
| K = Several intensity maxima. | Y = System of loop-type prominences. |
| L = Existing filaments show signs of sudden activity. | Z = Major sunspot umbra covered by flare. |
| M = White-light flare. | |
| N = Continuous spectrum shows effects of polarization. | |

Observation Type: C=Cinematographic, E=Electronic, P=Photographic, V=Visual